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# TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/657,025
Filing Date	September 5, 2003
First Named Inventor	Mark P. Goldenfield
Art Unit	3641
Examiner Name	H.E. Behrend
Attorney Docket Number	ARF 2002-014

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  4 Case Citation Fig 6 Annotated - 1p Fig 6 Replacement - 1p Return Postcard
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Eckert Seamans Cherin & Mellott		
Signature			
Printed name	Daniel C. Abeles		
Date		Reg. No.	25,822

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: : Examiner: H.E. Behrend  
: :  
MARK P. GOLDENFIELD et al. : Art Unit: 3641  
: :  
Serial No. 10/657,025 : Entitled:  
: :  
Filed: September 5, 2003 : NUCLEAR REACTOR  
: FUEL ASSEMBLIES  
Atty Docket: ARF 2002-014

February 22, 2005

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**RESPONSE AND AMENDMENT**

In response to the Office Action of December 22, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 4 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 9 of this paper.

An **Appendix**, including amended drawing figures, is attached following page 14 of this paper.